

Date: Sat, 21 May 94 02:06:04 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #552
To: Info-Hams

Info-Hams Digest Sat, 21 May 94 Volume 94 : Issue 552

Today's Topics:

 30Mhz - 40Mhz range, who uses it?
 FAX program in German
 First QSO
 FT-530/Microphone question
 Ham Radio few problem
 Ham Radio few problems!
 Help wanted: New Jersey info
 HT speaker-mike question (2 msgs)
 HTX-202 question
 IC-3220 Problem
 Need Internet Info for College Paper
 Repost of IC-3220a problem
 Why is Northern Ontario Canada left out of the ARRL repeater di
 Yaesu FT990 mailing list anyone?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 May 94 05:04:49 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!noc.near.net!news.delphi.com!
usenet@ucbvax.berkeley.edu
Subject: 30Mhz - 40Mhz range, who uses it?
To: info-hams@ucsd.edu

John Lundgren <jlundgre@news.kn.PacBell.COM> writes:

>The CHP uses 42.xxx MHz. There are some frequencies for local gummint

>such as the AQMD there, but it's mostly U.S. Government frequencies. So
>there are some active frequencies. There are some old mobile telephone
>channels in the middle of 35MHz. Lifeguards are on the low end of 37MHz.
>I remember that the L.A. Sheriff's office used the high end of the 30's,
>up around 39MHz. But I think they've all gone to trunked systems on
>800MHz. If you use the R/C in a large metro area, you can probably
>expect interference.

It's interesting to look at the 30-50 MHz allocations and see that there's an imaginary dividing line at 42 MHz, with a variety of services below it and an equally wide variety (including many of the same services) above it. The reason is that there were various broadcast allocations below 50 MHz before World War II -- most notably FM broadcasting from 42-50 MHz, starting in 1940 -- so land mobile stopped at 42 MHz. 42-50 didn't become available for land mobile until 1948, after the FCC gave up on the idea of using 44-50 MHz for low-power TV (that was the old channel 1), and when it did the FCC didn't move the 30-42 stuff around.

-- Ed Ellers, KD4AWQ

Date: 20 May 1994 21:42:31 -0400

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
news.umbc.edu!eff!news.kei.com!babbage.ece.uc.edu!mary.iaa.org!mary.iaa.org!not-
for-mail@network.ucsd.edu
Subject: FAX program in German
To: info-hams@ucsd.edu

CS>I found a great FAX program today on oak.oakland.edu. The only problem is
....
CS>just wish I had the benefit of English documentation. The program is
CS>FAX40.ZIP.

Take a look around for JVFAX60.ZIP You shouldn't have any problems
finding it.

Anyone know how to hook this program up to a tnc instead of a homebuilt
circuit?

Tom KE4IRV
denglet1@iaa.org

* SLMR 2.1a *

Date: 20 May 94 11:34:04 EDT
From: ihnp4.ucsd.edu!agate!library.ucla.edu!csulb.edu!nic-nac.CSU.net!usc!
elroy.jpl.nasa.gov!swrinde!gatech!udel!pacs.sunbelt.net!
DDEPEW%CHM.TEC.SC.US@network.ucsd.edu
Subject: First QSO
To: info-hams@ucsd.edu

In article <wa2iseCq348F.D2J@netcom.com>, wa2ise@netcom.com (Robert Casey) writes:
>My first QSO? Well, got my tech (general theory, 5WPM (supertech?)) in
>August '76, at the NYC FCC test office. Got my callsign sometimw in
>October (something like 10 weeks delay, things haven't changed much,
>have they) when I was away at college. was a member of the college
>ham club WA2SDY (Syracuse U.) and went up to the shack to use my brand
>new (actally recycled, FCC did that for a while) callsign and got on the
>HF novice band (think it was 80M). Someone about 10 miles north hears
>my CW (probably horrible!) CQ and comes back. Mentioned he was my first
>contact of my ham life, probably made his day. Sent me a QSL card.
>@nd contact was on 2M voice, haven't touched a code key since.

Well, you're missing out on a lot. Phone is great...VHF is great...but
CW is a lot of fun, too! Dust off the old key and try it!

Date: 21 May 94 04:38:59 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!
csn!jwdxt@ucbvax.berkeley.edu
Subject: FT-530/Microphone question
To: info-hams@ucsd.edu

Randy753 (randy753@aol.com) wrote:
: In article <Cq2J7x.7B6@csn.org>, jwdxt@csn.org (Jim Deeming) writes:

: Jim,
: That mike has a mike element that is covered by the housing of the
: mike case. A simple matter of drilling a hole in the mike case is all
: that is needed to resolve the problem. If you would like I can send
: you the tech sheet on this mod. If you have a fax machine it would be
: easy, if not I will post it here.

: Let me know,
: Randy753@aol.com

Randy,

Thank you for the reply and YES, a couple of friends and I would really
appreciate the information. I could have you fax it but maybe it would
be best to post it here so others can see it as well.

Jim Deeming
KB0MED

Date: 20 May 1994 21:42:36 -0400
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
news.umbc.edu!eff!news.kei.com!babbage.ece.uc.edu!mary.iaa.org!mary.iaa.org!not-
for-mail@network.ucsd.edu
Subject: Ham Radio few problem
To: info-hams@ucsd.edu

MD>I'm glad that amateur radio in your area is healthy. In this area its
MD>in poor health, slowly approaching what amateur radio has become in
MD>southern california. Most of the problems have been with CBers coming
MD>into the hobby and bringing their bad habits with them. 90% of the
MD>callsigns I hear on local 2 meter repeaters are N1xxx no-code calls.
MD>The elmers have fled to the safety of private repeaters or other bands.

It is unfortunate that the elmers are fleeing. Being a newly liscensed
ham since January of this year I sure have appreciated the help that
more experienced hams have given me on the air.
If I make a mistake (spelling not included) then take the time to
correct me, but don't run away in disgust.
I was encouraged to get my code requirements because it was the only way
I was going to be able to use my HF rig, I didn't have a 2m rig at the
time. Having spent the time to learn code did not teach me any operating
skills/etiquette, I am learning this from patient listening to advice.
If anything, the code requirements only taught me to be patient.

I doubt I'll ever use code again, I prefer digital modes on HF.
And hopefully I'll be able to contribute something to the hobby in the
way of my computer skills and yearn to learn.

Tom KE4IRV (/AG and still waiting)
denglet1@iaa.org

* SLMR 2.1a *

Date: 20 May 94 11:40:43 EDT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!udel!pacs.sunbelt.net!
DDEPEW%CHM.TEC.SC.US@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

In article <rogjdCq2vF6.G7B@netcom.com>, rogjd@netcom.com (Roger Buffington) writes:

>Tom Dengler (denglet1@iia.org) wrote:

>: JE>they might get the wrong impression that our hobby is riddled with all
>: JE>sorts of problems! When I first became a ham radio operator I fully expected
>: JE>that 99% of the hams would be great and 1% would be idiots. I haven't been
>: JE>disappointed! 8-) In fact I was pleasantly surprised to find that it was more
>: JE>on the order of a .01% idiot factor. Is Amateur Radio a perfect world? No,
>

>I have been a radio amateur since I was a teenager, back in '66, and in
>my opinion amateur radio has never been healthier. The no-code license
>has proven to be a fabulous vehicle for bringing new people into the
>hobby. The new licensees have proven to be every bit as good as those
>from any other era of the hobby (in my opinion) and many many of these
>new ops quickly are upgrading to general, advanced, and extra.
>

>The hobby is full of really great folks. The 1% who behave childishly?
>Well, what the heck, there aren't many of them, and it's only a hobby?
>We all have vfos, nowadays. :-) :-)

>

>73!

>

>--

>

rogjd@netcom.com

>

Glendale, CA

>

AB6WR

And it's a good thing we have VFO's and band switches...would be tough
to get stuck on 80M phone at night with some of the lids who hide
under rocks there!

Date: 20 May 1994 21:21:08 -0400

From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net

Subject: Help wanted: New Jersey info

To: info-hams@ucsd.edu

In article <2rh4k8\$5fv@helotrix.defcen.GOV.AU>, leisa@defcen.GOV.AU
(Leisa Condie) writes:

>>Coming to Princeton....significance of N2 vs W2...

K, N, W, and about half of the A's are the prefixes assigned to the
USA. Yes, New Jersey and New York comprise "2 land". Unfortunately, I
don't have my ARRL Repeater Directory handy, so I can't help with the
Princeton area. However, since virtutally EVERY pair is occupied, you
should have no problem finding a 2m machine. RE tone access, many of

the 2m machines are "open", i.e., do not use tone. Worst case, jump on 146.52 simplex. This is the nationwide calling freq. You should eventually find somebody who'll help out.. We're a pretty reasonable bunch in these parts, despite the scuttlebutt.

Hope to QSO while you're here. Bon voyage.

73 DE N2AYJ

Stan

Date: Fri, 20 May 1994 03:40:57 GMT
From: ihnp4.ucsd.edu!usc!sdd.hp.com!caen!malgudi.oar.net!witch!doghouse!
jsalemi@network.ucsd.edu
Subject: HT speaker-mike question
To: info-hams@ucsd.edu

In article <2rg93g\$elb@chnews.intel.com>, Cecil A. Moore -FT--
(cmoore@ilx018.intel.com) writes:

>Hi Greg, Be sure to get a speaker mike that has a stereo connection on
>the mike connection because if you don't, you'll run your battery down
>pretty fast discharging it through a 100 ohm resistor. The stereo mike
>plug is used on Alinco and Icoms to deliver power to their VOX headsets.
>DO NOT BUY A SPEAKER MIKE FOR THE 580 THAT HAS A MONO PLUG ON THE MIKE!
>I have the newer model MFJ-284 for my 580 and I am very happy with it.
>

I've run a RS mike with my 580 for a couple of months, and have noticed no difference in battery life over the Alinco mike.

73...joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136 MCI Mail: 433-3961

Date: Fri, 20 May 1994 03:38:15 GMT
From: ihnp4.ucsd.edu!usc!sdd.hp.com!caen!malgudi.oar.net!witch!doghouse!
jsalemi@network.ucsd.edu
Subject: HT speaker-mike question

To: info-hams@ucsd.edu

In article <2rg1a4\$oa2@nyx10.cs.du.edu>, Swag Valance (gsheerwin@nyx10.cs.du.edu) writes:

>To get to the point, I've borrowed a standard-issue Alinco speaker-mike and
>a Radio Shack speaker-mike for testing. I found the quality/convenience
>differences between the two not worth the price difference (the Radio Shack
>one costs about half the price of the Alinco), but I am concerned about
>possible impedance mismatches, etc. I don't know if anyone has info behind
>these two, but any help in understanding the importances of purchasing
>one speaker-mike over the other would be greatly appreciated -- especially
>in the area of impedance matching between the Radio Shack speaker-mike and
>my HT. The RS s-m has some specs (including the mike impedance is specified
>as "low!"), and I'm having trouble finding Alinco specs on the jacks, etc.
>

Don't worry -- they match fine. The RS mike can be used with any HT that has the same jack setup, including the Alinco, Icom, Yaseu, and even perhaps Kenwoods. No problems at all using the RS mike with the 580 -- I've been using one for months.

73...joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136 MCI Mail: 433-3961

Date: Thu, 19 May 1994 12:20:30 GMT
From: ihnp4.ucsd.edu!ucsnews!newshub.sdsu.edu!nic-nac.CSU.net!usc!
howland.reston.ans.net!noc.near.net!usenet.elf.com!rpi!psinnntp!colmiks!
psc@network.ucsd.edu
Subject: HTX-202 question
To: info-hams@ucsd.edu

karayannopoulos,george (karayan@blitzen.cc.bellcore.com) wrote:

: SOME of the repeaters I want to get into require a PL tone, so I program that
: in the memory. The problem is that when I recall such a repeater freq from the
: memory, the SETTINGS are OK, but it does not automatically turn the PL tone on.
: So, I transmit but do not raise the repeater. I have to remember that this rpt
: requires PL tone, to turn the tone on manually before xmitting. Wouldn't be
: easier to automatically turn it on if the recalled memory requires a PL tone

: on xmit? Can the HT still do that? How?

When you set the PL tone, do it while you are not in the memory channels. You must set it first before you save it as a channel memory. And make sure you have it turned on while you do save it. I have done it myself and have had no problems with it at all. Here is the way to do it:

1. Set your HT up to the frequency you want.
2. Remember to add the split setup of what the repeater uses.
3. Go into the menu section and stop on the PL tones (Rc and tx or tc)
4. Set the PL tones to what you need for the repeater.
5. When those are set, get out of the menu and turn on your T-Sql.
6. Set the memory channel that you want to put it under. (Actually this should be first).
7. Do the M-WR command(writes to the memory).
8. Check this by switching over to the M-CH to make sure it is set correctly.

This should be correct.

I have used my HTX-202 for over a year now, and I have not had many problems with it at all. As a matter of fact, a friend of mine recently checked my HT out on a spectrum analyzer and found that it performs much better than many of those other HT's.

Hope this helps you out.

--

```
+-----+
: Philip Cook   : Sysop of Dragon's World BBS   : Amateur Radio Operator :
: psc@colmiiks. :      203-294-1813                   :      N10KM              :
: colmiiks.com  :      A Commodore C*Base BBS        :      ARRL member        :
+-----+
```

Date: 21 May 94 05:16:49 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!gatech!kd4nc!
n4tii@ucbvax.berkeley.edu
Subject: IC-3220 Problem
To: info-hams@ucsd.edu

LEY@UWSTOUT.EDU (James P. Ley) writes:

>< John, N4TTI, tells of a problem his friend William, N4SZP, has with an
> IC-3220A. Radio has intermittant TX failure on 2m. >

>I have the same trouble exactly (John described it well) with my IC-3220H.
>I'm not sure I'd blame the heat. I live in Wisconsin about 60 miles east of

>Minneapolis, Minnesota and it doesn't get that hot here. Maybe cold could do
>it too. Anyway, if anyone has an answer please post it. I'd like to know what
>the problem is.

> Jim Ley, NX9F
Hi Jim...

I think Gary Coffman summed it up quite well...although, I do hope it is not
a hardware problem....sheesh....well, at least it is not my money...it's
william's (grin)...

Anyway, we did try the CPU reset as laid out in the manual (hold set and
mw while turning on rig...) and the problem so far seems to be licked...

William says he is going to use the radio a whole lot more and see if the
problem resurfaces....I just hope it is some kind of glitch in the CPU...
William says it's putting out power...just hardly any... I dunno...

We reset the thing the other night...it was quite cool...in the 60's or so,
and the rig acted like it was supposed to....but I'm going to wait and see
what surfaces after a few days and few good days of operating...

I have a similar problem with an Icom 38A, but I just cycle power and flip
thru the memory channels and it goes away!

Good luck...oh BTW, his is also a 3220H, not an "A" as originally posted!

John

> ley@uwstout.edu

--

John Reed - Gainesville, GA | Internet: n4tii%kd4nc.uucp@gatech.edu
N4TII - AFA2FH - Redstar 204 | Packet : n4tii@n4hdw.ga.usa.noam
"That which can make you can also break you." - Mr. Rhythm's Good Advice

Date: 20 May 94 11:54:59 EDT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!udel!pacs.sunbelt.net!
DDEPEW%CHM.TEC.SC.US@network.ucsd.edu
Subject: Need Internet Info for College Paper
To: info-hams@ucsd.edu

In article <CpnBr5.AzE@fms.com>, andrews@fms.com (Andrew Sargent N80FS) writes:

>

>Hello all...

>

>I need information about the Internet for a college paper on

>communications. I need the what, when, where, why, who, and
>how on the internet. I also need help files, FAQ's, and any-
>thing else anybody can send me via e-mail.
>
>My problem is that I do not have finger, ftp, gopher, or any
>of the fancy stuff on this box.
>
>Please send me any information you have, I have 256 Megs avail-
>able on my box, so feel free to send as much info as you want.
>
>Please do not send replyies to the newsgroups, please send
>replies directly to my mailbox at 'andrews@telemax.com'
>
>Thank you very much...
>
Please refer to excellent book NAVIGATING THE INTENET, available in
your Walden Book or B Dalton store. >

>--
>Mesmerized by a decade of hate, ! AMATEUR = N80FS
>Flowers and remorse, ! ARMY MARS = AAN5HJT
>Fading vision lost in time, ! CB = THE NEON KNIGHT
>Tragedy on course!!! - Frontline Assembly ! HACKER = TH3 N30N KN16Ht

Date: Fri, 20 May 1994 13:57:00 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
gatech!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
Subject: Repost of IC-3220a problem
To: info-hams@ucsd.edu

In article <1994May19.190838.16533@kd4nc.uucp> n4tii@kd4nc.uucp (John Reed)
writes:

>I have a friend who has an Icom IC-3220a dual band mobile. The rig has a
>problem in its 2 meter transmit side....some times it puts out full power
>and the s/rf meter swings to verify this....however, other times, the mic
>is keyed and the s/rf meter does not indicate forward power, yet the tx light
>is on. The rig puts out maybe a farthing of a watt....

>
>On the 440 side, the radio operates correctly, and the 2 meter receive side is
>fine...

>
>William, N4SZP, the owner of the rig reports the problem started shortly
>after a long hot day in Auburn, Al when the temperature in the truck got
>so hot, it blew out a window...

>
>Question: could the heat built up inside the car destroy a componet on the
>radio?

Absolutely! It could even cause a solder joint to fail, which is by far the most likely culprit from the description of the symptoms.

>Question 2: Is just the CPU screwing up, as the problem is intermittant...
>yet more times broke than correct...

>

>Question 3: If it is the CPU, what is the procedure for resetting the CPU?

I seriously doubt the CPU is involved in this problem. If the Tx indicator is on, the VCO should be operating and the PLL locked. The problem is much more likely to be in the driver or PA stage. Most likely culprits are solder joints in a coil or transistor (internal). First you need to make some tests to see *where* in the transmit chain the power is being lost. Listen on a receiver and see if you hear a weak signal with modulation when transmitting. If you do, the VCO/PLL and modulator are fine. Next check the output, or collector current, of the driver stage. If you're getting several milliwatts out, or you see several tens of ma current flow, then the driver is likely OK. Next move to the PA. I'm not familiar with this particular radio, but I suspect it uses a power "brick" module. Inspect all the solder joints in the external circuitry, try to measure current draw of the module, etc. I strongly suspect that there's an intermittant *inside* the brick. Try hitting it with some freeze spray and see if it starts working, or quits, due to the thermal shock. If it does, replace it.

>(Gary Coffman, any ideas? You seem to be omniscient (grin)).

Thanks, I think. Intermittant problems can be a bear to track down. Freeze spray and a heat gun are your friends as most intermittants respond to thermal cycling. Almost always they are the result of a bad connection somewhere in the circuit (often internal to a component).

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: 20 May 1994 21:24:02 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Why is Northern Ontario Canada left out of the ARRL repeater di
To: info-hams@ucsd.edu

In article

<Pine.3.89.9405201200.B1399-01000000@penage.cs.laurentian.ca>,

guy@penage.CS.laurentian.CA (Guy Quenneville) writes:

> Northern Ontario not in directory...

It's probably because none of the repeater ops sent in an update.
ARRL gets the info for the directory from the trustees or
coordinating bodies. It should be explained in the RD somewhere.

73

--

Stan Olochwoszcz
n2ayj@aol.com

Tax, title, dealer prep, and destination charges not included.

Date: Fri, 20 May 1994 13:40:18 GMT
From: ihnp4.ucsd.edu!agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
netcomsv!xyzoom!rob@network.ucsd.edu
Subject: Yaesu FT990 mailing list anyone?
To: info-hams@ucsd.edu

In article <slayCq38E8.K16@netcom.com>, Sandy Lynch <slay@netcom.com> wrote:

>Rob Lingelbach (rob@xyzoom.info.com) wrote:

>: I've started a mailing list for Yaesu FT990 owners. If you'd like to
>: subscribe, send a message to 990-request@xyzoom.info.com stating your
>: wish.

>

>

>Now, if you would expand that to cover the FT-1000 series, you may
>have a few more subscribers. What say?

>

>73 de Sandy WA6BXH/7J1ABV - slay@netcom.com

I polled the current subscribers and so far the feedback I've gotten
is yes, we should make it include the 1000. I didn't want this to be
a big undertaking, however, in that I don't really have time to
maintain a large list, and I only have a simple alias file here for
it--

If anyone knows where to get a listserver program for SYSVR3/uucp
Unix, please let me know.

--Rob

--

Rob Lingelbach KB6CUN | 2660 Hollyridge Dr LA CA 90068 213 464 6266 (voice)
rob@xyzzoom.info.com | "I care not much for a man's religion whose dog or
robl@netcom.com | cat are not the better for it." --Abraham Lincoln

Date: 20 May 1994 15:48:35 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!jussieu.fr!
univ-lyon1.fr!elendir@network.ucsd.edu
To: info-hams@ucsd.edu

References <2re4in\$6sm@gerald.cc.utexas.edu>,
<1994May19.133612.17560@mixcom.mixcom.com>, <hawley.769359379@aries>.fr
Subject : Re: cycles, cycles/sec vs Hz

Chuck Hawley (hawley@aries.scs.uiuc.edu) wrote:
: You're easily amused.
: How about "my feet are size EUR 47"?

You've got long feet, I m only 46.
Well, at least in France - we have invented the metric system so we are
not caught in abysmal thoughts when we speak about a 10 meters beam with
5 millimeter element diamter 15 meters above the ground. :-)
Sometimes I wonder why you keep your incredibly complex system. Odd :-)

Of course no offense meant.

Vince, F1RCS.

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End of Info-Hams Digest V94 #552
